

Abstract

A completion assembly for use in a lateral well bore has a base pipe with a plurality of holes through the sidewall of the base pipe. Flow through the holes is regulated to produce an influx difference between the ends of the base pipe. Flow can be regulated by variably spacing or sizing the holes. Flow can also be regulated by selectively inserting a rod between adjacent splines located on the base pipe to cover and block the flow through certain holes in the base pipe. Flow can also be regulated using a rotatable sleeve adjacent to the base pipe such that rotation of the sleeve brings the holes and openings in the pipe and sleeve, respectively, into and out of alignment. A filter can be used to filter sand and other particulates. An erosion inhibitor can be used to extend the useful life of the assembly.